

## Can I replace the power head on my Parker TXV and how do I know what to get?

With a few exceptions, most Parker thermostatic expansion valves manufactured after 2005 have replaceable thermostatic elements. The exceptions are valves with a “H” and an “N” before the valve nomenclature (i.e. HCAE5VX100). The valves with the “H” or “N” in the nomenclature have a stainless steel power element soldered to the valve body.

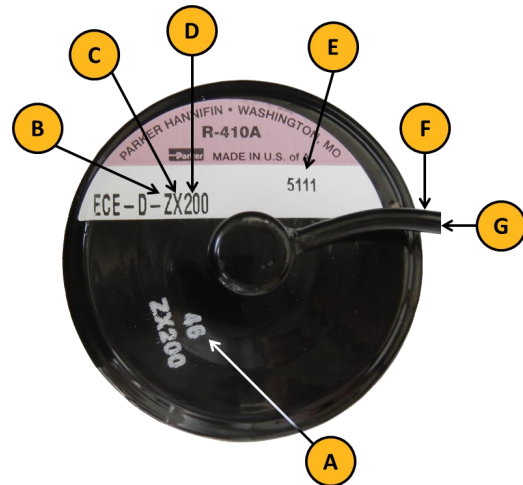
Parker makes replacement element kits that are available through Parker Wholesalers.

The thermostatic elements on Parker expansion valves are identified by a series of numbers and letters. The number (i.e. 46, 83, 85, or 33) identifies the element size, while the letters (i.e. V, VZ, VX100, J, JX60, SZ, SW, SX35, SX110, ZX200) identify the refrigerant and thermostatic charge. A replacement element kit can be obtained based on that information. For example, a valve with markings on the element of 46 and VX100 will require a KT-46-VX100 element kit. For more information on element identification, consult Parker Catalog E-1.

If markings on the element are no longer legible, contact Parker’s Technical Support department for help in selecting a replacement element. They will need all information available from the valve body, and a description of the application.

To completely identify a PARKER thermostatic Element, the following information is required:

- A. Element size number
- B. Refrigerant
- C. Thermostatic charge
- D. MOP (Maximum Operating Pressure)
- E. Date Code (optional)
- F. Capillary tubing length
- G. Bulb size



Refrigerant Designation	Valve Models				
	C(E), SC(E), EC(E)	ECE 12½ & 15T	EBSE 5 - 20T	OE 15 - 30T	OE 40 - 70T
J	KT-46-JW	-	KT-83-JW	KT-83-JW	KT-33-JW
	KT-46-JX60	-	-	-	-
V	KT-46-VW	-	KT-83-VW	KT-83-VW	KT-33-VW
	KT-46-VX35	-	-	-	-
	KT-46-VX100	-	KT-83-VX100	KT-83-VX100	KT-33-VX100
S	KT-46-SW	-	KT-83-SW	KT-83-SW	KT-33-SW
	KT-46-SX35	-	KT-83-SX35	KT-83-SX35	KT-33-SX35
	KT-46-SX110	-	-	-	-
	KT-46-SZ	-	KT-83-SZ	KT-83-SZ	KT-33-SZ
Z	KT-46-ZX200	KT-46-5-ZX200	-	KT-85-ZX200	KT-85-3-ZX200

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